REFERENCES

Abdul Wahab, M., Abdul Rahman, S. and Ahmad, A. (2017). Biomethane Purification Using PVDF/Pebax 1657 Thin Film Composite Membrane. *Journal of Physical Science, 28(Suppl. 1)*, 39-51.

Ahmadpour, E., Shamsabadi, A., Behbahani, R., Aghajani, M., & Kargari, A. (2014). Study of CO_2 separation with PVC/Pebax composite membrane. *Journal of Natural Gas Science and Engineering, 21*, 518-523.

Ahmadpour, E., Sarfaraz, M. V., Behbahani, R. M., Shamsabadi, A. A., & Aghajani, M. (2016). Fabrication of mixed matrix membranes containing TiO2 nanoparticles in Pebax 1657 as a copolymer on an ultra-porous PVC support. *Journal of Natural Gas Science and Engineering*, 35, 33-41.

Akhtar, F., Kumar, M., & Peinemann, K. (2017). Pebax ® 1657/Graphene oxide composite membranes for improved water vapor separation. *Journal of Membrane Science, 525*, 187-194.

Amirilargani, M., Saljoughi, E., Mohammadi, T., & Moghbeli, M. (2009). Effects of coagulation bath temperature and polyvinylpyrrolidone content on flat sheet asymmetric polyethersulfone membranes. *Polymer Engineering & Science, 50(5)*, 885-893.

Arribas, P., Khayet, M., García-Payo, M., & Gil, L. (2015). Novel and emerging membranes for water treatment by electric potential and concentration gradient membrane processes. *Advances in Membrane Technologies for Water Treatment*, 287-325.

Baker, R. (2004). Membrane technology and applications. Chichester: John Wiley & Sons.

Bakeri, G., Ismail, A., Matsuura, T., Abdullah, M., Ng, B., & Mashkour, M. (2015). Effect of PVDF blending on the structure and performance of PEI hollow fiber membrane in CO_2 separation process. *Chemical Engineering Research and Design, 104*, 367-375.

Bakeri, G., Ismail, A., Shariaty-Niassar, M., & Matsuura, T. (2010). Effect of polymer concentration on the structure and performance of polyetherimide hollow fiber membranes. *Journal of Membrane Science, 363(1-2),* 103-111.

Baş, D., & Boyacı, İ. (2007). Modeling and optimization I: Usability of response surface methodology. *Journal of Food Engineering, 78(3),* 836-845.

Basu, A., Akhtar, J., Rahman, M., & Islam, M. (2004). A Review of Separation of Gases Using Membrane Systems. *Petroleum Science and Technology, 22(9-10),* 1343-1368.

Bernardo, P., Jansen, J., Bazzarelli, F., Tasselli, F., Fuoco, A., & Friess, K. et al. (2012). Gas transport properties of Pebax®/room temperature ionic liquid gel membranes. *Separation and Purification Technology*, *97*, 73-82.

Bezerra, M., Santelli, R., Oliveira, E., Villar, L., & Escaleira, L. (2008). Response surface methodology (RSM) as a tool for optimization in analytical chemistry. *Talanta, 76(5),* 965-977.

Bhan, M., Satija, S., Garg, C., Dureja, H., & Garg, M. (2017). Optimization of ionic liquid-based microwave assisted extraction of a diterpenoid lactone-andrographolide from Andrographis paniculata by response surface methodology. *Journal of Molecular Liquids, 229,* 161-166.

Broens, L., Altena, F., Smolders, C., & Koenhen, D. (1980). Asymmetric membrane structures as a result of phase separation phenomena. *Desalination, 32*, 33-45.

Burggraaf, A. (1996). Chapter 9 Transport and separation properties of membranes with gases and vapours. *Membrane Science and Technology*, 331-433.

Car, A., Stropnik, C., Yave, W., & Peinemann, K. (2008). Pebax®/polyethylene glycol blend thin film composite membranes for CO_2 separation: Performance with mixed gases. *Separation and Purification Technology, 62(1),* 110-117.

Car, A., Stropnik, C., Yave, W., & Peinemann, K. (2008). PEG modified poly(amide-b-ethylene oxide) membranes for CO_2 separation. *Journal of Membrane Science, 307(1),* 88-95.

Carroll, A., Przeslawski, R., Radke, L., Black, J., Picard, K., & Moreau, J. et al. (2014). Environmental considerations for subseabed geological storage of CO_2: A review. *Continental Shelf Research, 83*, 116-128.

Chen, Y., Wang, B., Zhao, L., Dutta, P., & Winston Ho, W. (2015). New Pebax ® /zeolite Y composite membranes for CO_2 capture from flue gas. *Journal of Membrane Science, 495*, 415-423.

Coates, J. (2006). Interpretation of Infrared Spectra, A Practical Approach. *Encyclopedia Of Analytical Chemistry*.

Dai, Y., Jian, X., Zhang, S., & Guiver, M. (2002). Thin film composite (TFC) membranes with improved thermal stability from sulfonated poly(phthalazinone ether sulfone ketone) (SPPESK). *Journal of Membrane Science, 207(2)*, 189-197.

De Lorenzo, L., Tocci, E., Gugliuzza, A., & Drioli, E. (2012). Assembly of nanocomposite PEBAX membranes: A complementary study of affinity and clusterization phenomena. *Journal of Membrane Science, 421-422*, 75-84.

Delkash, M., Zhou, B., & Singh, R. (2016). RETRACTED: Measuring landfill methane emissions using satellite and ground data. *Remote Sensing Applications: Society and Environment, 4*, 18-29.

Deublein, D., & Steinhauser, A. (2011). Biogas from Waste and Renewable Resources. Weinheim: Wiley-VCH Verlag.

Dorosti, F., Omidkhah, M., & Abedini, R. (2014). Fabrication and characterization of Matrimid/MIL-53 mixed matrix membrane for CO_2/CH_4 separation. *Chemical Engineering Research and Design, 92(11)*, 2439-2448.

Dorosti, F., Omidkhah, M., & Abedini, R. (2015). Enhanced CO_2/CH_4 separation properties of asymmetric mixed matrix membrane by incorporating nano-porous ZSM-5 and MIL-53 particles into Matrimid®5218. *Journal of Natural Gas Science and Engineering, 25*, 88-102.

Ebadi Amooghin, A., Omidkhah, M., & Kargari, A. (2015). The effects of aminosilane grafting on NaY zeolite–Matrimid®5218 mixed matrix membranes for CO_2/CH_4 separation. *Journal of Membrane Science, 490*, 364-379.

Efome, J., Baghbanzadeh, M., Rana, D., Matsuura, T., & Lan, C. (2015). Effects of superhydrophobic SiO_2 nanoparticles on the performance of PVDF flat sheet membranes for vacuum membrane distillation. *Desalination, 373*, 47-57.

Esposito, E., Clarizia, G., Bernardo, P., Jansen, J., Sedláková, Z., & Izák, P. et al. (2015). Pebax®/PAN hollow fiber membranes for CO_2/CH_4 separation. *Chemical Engineering and Processing: Process Intensification, 94*, 53-61.

Ezeji, T., Blaschek, H., & Scheffran, J. (2010). Biofuels from Agricultural Wastes and Byproducts. Ames, Iowa: Wiley-Blackwell.

Flaconneche, B., Martin, J., & Klopffer, M. (2001). Permeability, Diffusion and Solubility of Gases in Polyethylene, Polyamide 11 and Poly (Vinylidene Fluoride). *Oil & Gas Science and Technology, 56(3)*, 261-278.

Freire, E., Bianchi, O., Martins, J., Monteiro, E., & Forte, M. (2012). Non-isothermal crystallization of PVDF/PMMA blends processed in low and high shear mixers. *Journal of Non-Crystalline Solids, 358(18-19)*, 2674-2681.

George, G., Bhoria, N., AlHallaq, S., Abdala, A., & Mittal, V. (2016). Polymer membranes for acid gas removal from natural gas. *Separation and Purification Technology, 158*, 333-356.

Ghadimi, A., Mohammadi, T., & Kasiri, N. (2015). Gas permeation, sorption and diffusion through PEBA/SiO_2 nanocomposite membranes (chemical surface modification of nanoparticles). *International Journal of Hydrogen Energy, 40(31)*, 9723-9732.

Gilkeson, C., Toropov, V., Thompson, H., Wilson, M., Foxley, N., & Gaskell, P. (2014). Dealing with numerical noise in CFD-based design optimization. *Computers & Fluids, 94*, 84-97.

Habibiannejad, S., Aroujalian, A., & Raisi, A. (2016). Pebax-1657 mixed matrix membrane containing surface modified multi-walled carbon nanotubes for gas separation. *RSC Adv., 6(83)*, 79563-79577.

Hao, Y., Sano, R., Shimomura, A., Matsuyama, H., & Maruyama, T. (2014). Reorganization of the surface geometry of hollow-fiber membranes using dip-

coating and vapor-induced phase separation. *Journal of Membrane Science, 460,* 229-240.

Hoek, E., & Tarabara, V. (2013). Encyclopedia of Membrane Science and Technology.

Hyder, M., Huang, R., & Chen, P. (2008). Effect of selective layer thickness on pervaporation of composite poly(vinyl alcohol)–poly(sulfone) membranes. *Journal of Membrane Science, 318(1-2),* 387-396.

Iqbal, M., Man, Z., Mukhtar, H., & Dutta, B. (2008). Solvent effect on morphology and CO2/CH4 separation performance of asymmetric polycarbonate membranes. *Journal of Membrane Science, 318(1-2),* 167-175.

Isanejad, M., & Mohammadi, T. (2018). Effect of amine modification on morphology and performance of poly (ether-block-amide)/fumed silica nanocomposite membranes for CO2/CH4 separation. *Materials Chemistry and Physics,* 205, 303-314.

Islam, M., & Buschatz, H. (2017). Assessment of thickness-dependent gas permeability of polymer membranes. *Indian Journal of Chemical Technology, 12,* 88-92. Retrieved from http://nopr.niscair.res.in/handle/123456789/8582

Jansen, J., Buonomenna, M., Figoli, A., & Drioli, E. (2006). Ultra-thin asymmetric gas separation membranes of modified PEEK prepared by the dry–wet phase inversion technique. *Desalination, 193(1-3),* 58-65.

Ji, J., Liu, F., Hashim, N., Abed, M. and Li, K. (2015). Poly(vinylidene fluoride) (PVDF) membranes for fluid separation. *Reactive and Functional Polymers, 86,* 134-153.

Jiang, X., Ding, J. and Kumar, A. (2008). Polyurethane–poly(vinylidene fluoride) (PU–PVDF) thin film composite membranes for gas separation. *Journal of Membrane Science, 323(2),* 371-378.

Jomekian, A., Behbahani, R., Mohammadi, T., & Kargari, A. (2016). CO_2/CH_4 separation by high performance co-casted ZIF-8/Pebax 1657/PES mixed matrix membrane. *Journal of Natural Gas Science and Engineering, 31,* 562-574.

Kacem, M., Pellerano, M., & Delebarre, A. (2015). Pressure swing adsorption for CO_2/N_2 and CO_2/CH_4 separation: Comparison between activated carbons and zeolites performances. *Fuel Processing Technology, 138*, 271-283.

Kamide, K., Iijima, H., & Matsuda, S. (1993). Thermodynamics of Formation of Porous Polymeric Membrane by Phase Separation Method I. Nucleation and Growth of Nuclei. *Polymer Journal, 25(11)*, 1113-1131.

Kanagaraj, P., Nagendran, A., Rana, D., Matsuura, T., & Neelakandan, S. (2015). Separation of macromolecular proteins and rejection of toxic heavy metal ions by PEI/cSMM blend UF membranes. *International Journal of Biological Macromolecules, 72*, 223-229.

Ke, K., Pötschke, P., Jehnichen, D., Fischer, D., & Voit, B. (2014). Achieving β-phase poly(vinylidene fluoride) from melt cooling: Effect of surface functionalized carbon nanotubes. *Polymer, 55(2)*, 611-619.

Khorshidi, B., Hajinasiri, J., Ma, G., Bhattacharjee, S., & Sadrzadeh, M. (2016). Thermally resistant and electrically conductive PES/ITO nanocomposite membrane. *Journal of Membrane Science, 500*, 151-160.

Kim, K., Ingole, P., Kim, J., & Lee, H. (2013). Separation performance of PEBAX/PEI hollow fiber composite membrane for $SO_2/CO_2/N_2$ mixed gas. *Chemical Engineering Journal, 233*, 242-250.

l'Abee, R., Goossens, H., & van Duin, M. (2008). Thermoplastic vulcanizates obtained by reaction-induced phase separation: Interplay between phase separation dynamics, final morphology and mechanical properties. *Polymer, 49(9)*, 2288-2297.

Lamikanra, O. (2002). Fresh-cut fruits and vegetables. Boca Raton, Fla: CRC Press.

Le, N., Wang, Y., & Chung, T. (2011). Pebax/POSS mixed matrix membranes for ethanol recovery from aqueous solutions via pervaporation. *Journal of Membrane Science, 379(1-2)*, 174-183.

Li, Y., & Chung, T. (2010). Molecular-level mixed matrix membranes comprising Pebax® and POSS for hydrogen purification via preferential CO_2 removal. *International Journal of Hydrogen Energy, 35(19)*, 10560-10568.

Li, Y., Cao, C., Chung, T., & Pramoda, K. (2004). Fabrication of dual-layer polyethersulfone (PES) hollow fiber membranes with an ultrathin dense-selective layer for gas separation. *Journal of Membrane Science, 245(1-2)*, 53-60.

Li, Y., Li, X., Wu, H., Xin, Q., Wang, S., & Liu, Y. et al. (2015). Anionic surfactant-doped Pebax membrane with optimal free volume characteristics for efficient CO_2 separation. *Journal of Membrane Science, 493*, 460-469.

Lin, Y. (2001). Microporous and dense inorganic membranes: current status and prospective. *Separation and Purification Technology, 25(1-3)*, 39-55.

Longwei Xu, L. X., Wang, C., Yu, J., Zhang, L., & Pan, Y. (2017). Enhanced permeation performance of polyether-polyamide block copolymer membranes through incorporating ZIF-8 nanocrystals. *Chinese Journal of Chemical Engineering*, 25(7), 882-891.

Mahdavi, H., Razmi, F., & Shahalizade, T. (2016). Polyurethane TFC nanofiltration membranes based on interfacial polymerization of poly(bis-MPA) and MDI on the polyethersulfone support. *Separation and Purification Technology, 162*, 37-44.

Mahmoudi, A., Asghari, M., & Zargar, V. (2015). CO_2/CH_4 separation through a novel commercializable three-phase PEBA/PEG/NaX nanocomposite membrane. *Journal of Industrial And Engineering Chemistry, 23*, 238-242.

Mark, H., & Seidel, A. (2013). Encyclopedia of polymer science and technology. Hoboken, NJ: Wiley.

Martins, P., Lopes, A., & Lanceros-Mendez, S. (2014). Electroactive phases of poly(vinylidene fluoride): Determination, processing and applications. *Progress in Polymer Science, 39(4)*, 683-706.

Meng, N., Priestley, R., Zhang, Y., Wang, H., & Zhang, X. (2016). The effect of reduction degree of GO nanosheets on microstructure and performance of PVDF/GO hybrid membranes. *Journal of Membrane Science, 501*, 169-178.

Murali, R., A.F.Ismail, M.A.Rahman, & S.Sridhar. (2014). Mixed matrix membranes of Pebax-1657 loaded with 4A zeolite for gaseous separations. *Separation and Purification Technology*, 129, 1-8.

Nafisi, V., & Hägg, M. (2014). Development of dual layer of ZIF-8/PEBAX-2533 mixed matrix membrane for CO_2 capture. *Journal of Membrane Science, 459*, 244-255.

Noble, R. (2011). Perspectives on mixed matrix membranes. *Journal of Membrane Science, 378(1-2)*, 393-397.

Oprea, S., & Ciobanu, C. (2007). Effect of the Temperature of Polyurethane Wet-Casting Membrane Formation on the Physico-Mechanical Properties. *High Performance Polymers, 20(2)*, 208-220.

Page being updated | US EPA. (2017). Epa.gov. Retrieved 9 July 2017, from http://epa.gov/climatestudents/solutions/technologies/methane.html.

Panar, M., Hoehn, H., & Hebert, R. (1973). *The Nature of Asymmetry in Reverse Osmosis Membranes. Macromolecules, 6(5)*, 777-780.

Rabiee, H., Meshkat Alsadat, S., Soltanieh, M., Mousavi, S., & Ghadimi, A. (2015). Gas permeation and sorption properties of poly(amide-12-b-ethyleneoxide)(Pebax1074)/SAPO-34 mixed matrix membrane for CO_2/CH_4 and CO_2/N_2 separation. *Journal of Industrial and Engineering Chemistry, 27*, 223-239.

Rahman, M., Filiz, V., Shishatskiy, S., Abetz, C., Neumann, S., & Bolmer, S. et al. (2013). PEBAX® with PEG functionalized POSS as nanocomposite membranes for CO_2 separation. *Journal of Membrane Science, 437*, 286-297.

Rahman, M., Filiz, V., Shishatskiy, S., Neumann, S., Khan, M., & Abetz, V. (2012). PEG Functionalized POSS Incorporated PEBAX Nanocomposite Membranes. *Procedia Engineering, 44*, 1523-1526.

Rahman, M., Shishatskiy, S., Abetz, C., Georgopanos, P., Neumann, S., & Khan, M. et al. (2014). Influence of temperature upon properties of tailor-made PEBAX® MH 1657 nanocomposite membranes for post-combustion CO_2 capture. *Journal of Membrane Science, 469*, 344-354.

Rajabi, H., Ghaemi, N., Madaeni, S., Daraei, P., Astinchap, B., Zinadini, S., & Razavizadeh, S. (2015). Nano-ZnO embedded mixed matrix polyethersulfone (PES) membrane: Influence of nanofiller shape on characterization and fouling resistance. *Applied Surface Science, 349*, 66-77.

Ray, R., Krantz, W., & Sani, R. (1985). Linear stability theory model for finger formation in asymmetric membranes. *Journal of Membrane Science, 23(2),* 155-182.

Reichenbächer, M., & Popp, J. (2012). Challenges in molecular structure determination. Berlin: Springer.

Rezac, M., & Koros, W. (1992). Preparation of polymer–ceramic composite membranes with thin defect-free separating layers. *Journal of Applied Polymer Science, 46(11),* 1927-1938.

Robeson, L. (2008). The upper bound revisited. *Journal of Membrane Science, 320(1-2),* 390-400.

Sawada, S., Ursino, C., Galiano, F., Simone, S., Drioli, E., & Figoli, A. (2015). Effect of citrate-based non-toxic solvents on poly(vinylidene fluoride) membrane preparation via thermally induced phase separation. *Journal of Membrane Science, 493,* 232-242.

Shahid, S., & Nijmeijer, K. (2014). High pressure gas separation performance of mixed-matrix polymer membranes containing mesoporous Fe(BTC). *Journal of Membrane Science, 459,* 33-44.

Sovacool, K., & Drupady, M. (2011). Innovation in the Malaysian waste-to-energy sector: applications with global potential. *The Electricity Journal, 24 (5),* 29-41.

Sridhar, S., Suryamurali, R., Smitha, B., & Aminabhavi, T. (2007). Development of crosslinked poly(ether-block-amide) membrane for CO_2/CH_4 separation. *Colloids and Surfaces A: Physicochemical and Engineering Aspects, 297(1-3),* 267-274.

Strathmann, H., Scheible, P., & Baker, R. (1971). A rationale for the preparation of Loeb-Sourirajan-type cellulose acetate membranes. *Journal of Applied Polymer Science, 15(4),* 811-828.

Surya Murali, R., Praveen Kumar, K., Ismail, A., & Sridhar, S. (2014). Nanosilica and H-Mordenite incorporated Poly(ether-block-amide)-1657 membranes for gaseous separations. *Microporous and Mesoporous Materials, 197,* 291-298.

Tsay, C., & McHugh, A. (1991). The combined effects of evaporation and quench steps on asymmetric membrane formation by phase inversion. *Journal of Polymer Science Part B: Polymer Physics, 29(10),* 1261-1270.

Vinogradov, N., & Kagramanov, G. (2016). The development of polymer membranes and modules for air separation. *Journal of Physics: Conference Series, 751,* 012038.

Wang, J., Zheng, L., Wu, Z., Zhang, Y., & Zhang, X. (2016). Fabrication of hydrophobic flat sheet and hollow fiber membranes from PVDF and PVDF-CTFE for membrane distillation. *Journal of Membrane Science, 497,* 183-193.

Wang, S., Liang, S., Liang, P., Zhang, X., Sun, J., Wu, S., & Huang, X. (2015). In-situ combined dual-layer CNT/PVDF membrane for electrically-enhanced fouling resistance. *Journal of Membrane Science*, 491, 37-44.

Wang, S., Liu, Y., Huang, S., Wu, H., Li, Y., Tian, Z., & Jiang, Z. (2014). Pebax–PEG–MWCNT hybrid membranes with enhanced CO_2 capture properties. *Journal of Membrane Science, 460,* 62-70.

Wang, Y., Li, X., Cheng, C., He, Y., Pan, J., & Xu, T. (2016). Second interfacial polymerization on polyamide surface using aliphatic diamine with improved performance of TFC FO membranes. *Journal of Membrane Science, 498,* 30-38.

Wang, Z., Chen, X., Li, K., Bi, S., Wu, C., & Chen, L. (2015). Preparation and catalytic property of PVDF composite membrane with polymeric spheres decorated by Pd nanoparticles in membrane pores. *Journal of Membrane Science, 496,* 95-107.

What about the anaerobic digestion of biomass to make biogas? | CAT Information Service. (2017). Info.cat.org.uk. Retrieved 9 July 2017, from http://info.cat.org.uk/questions/biomass/what-about-anaerobic-digestion-biomass-make-biogas/

Wijmans, J., & Baker, R. (1995). The solution-diffusion model: a review. *Journal of Membrane Science, 107(1-2),* 1-21.

Xian, S., Xu, F., Ma, C., Wu, Y., Xia, Q., Wang, H., & Li, Z. (2015). Vapor-enhanced CO_2 adsorption mechanism of composite PEI-ZIF-8 modified by polyethyleneimine for CO_2/N_2 separation. *Chemical Engineering Journal, 280,* 363-369.

Xing, R., & Ho, W. (2009). Synthesis and characterization of crosslinked polyvinylalcohol/polyethyleneglycol blend membranes for CO_2/CH_4 separation. *Journal of The Taiwan Institute of Chemical Engineers, 40(6),* 654-662.

Xu, S., Chen, G. and Xu, Z. (2018). Excellent anti-fouling performance of PVDF polymeric membrane modified by enhanced CaA gel-layer. *Journal of Industrial and Engineering Chemistry, 58*, 179-188.

Yoon, S. (2015). Membrane bioreactor processes. Boca Raton: CRC Press.

Zha, T., Song, L., Chen, P., Nie, W., & Zhou, Y. (2015). Nonsolvent/solvent-induced phase separation to multi-porous sulfonated polystyrene/chitosan/silver particles and their application in adsorbing chromium ion(III) and reduction of methylene blue. *Colloids and Surfaces A: Physicochemical and Engineering Aspects, 481,* 423-430.

Zhao, L., Riensche, E., Menzer, R., Blum, L., & Stolten, D. (2008). A parametric study of CO_2/N_2 gas separation membrane processes for post-combustion capture. *Journal of Membrane Science, 325(1),* 284-294.

Zhao, D., Ren, J., Li, H., Hua, K., & Deng, M. (2014). Poly(amide-6-b-ethylene oxide)/SAPO-34 mixed matrix membrane for CO_2 separation. *Journal of Energy Chemistry,* 23(2), 227-234.

Zhao, D., Ren, J., Li, H., Li, X., & Deng, M. (2014). Gas separation properties of poly(amide-6-b-ethylene oxide)/amino modified multi-walled carbon nanotubes mixed matrix membranes. *Journal of Membrane Science,* 467, 41-47.

Zhong, Z., Li, D., Zhang, B., & Xing, W. (2012). Membrane surface roughness characterization and its influence on ultrafine particle adhesion. *Separation and Purification Technology, 90*, 140-146.

Zhu, W., Gao, J., Sun, S., Zhang, S., & Chung, T. (2015). Poly(amidoamine) dendrimer (PAMAM) grafted on thin film composite (TFC) nanofiltration (NF) hollow fiber membranes for heavy metal removal. *Journal of Membrane Science, 487*, 117-126.

Zhuang, G., Wey, M., & Tseng, H. (2015). The density and crystallinity properties of PPO-silica mixed-matrix membranes produced via the in situ sol-gel method for

H_2/CO_2 separation. II: Effect of thermal annealing treatment. *Chemical Engineering Research and Design, 104*, 319-332.

Zulhairun, A., Ng, B., Ismail, A., Surya Murali, R., & Abdullah, M. (2014). Production of mixed matrix hollow fiber membrane for CO_2/CH_4 separation. *Separation and Purification Technology, 137*, 1-12.